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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/622,322
		Filing Date	July 17, 2003
		First Named Inventor	Jill K. MACALPINE
		Art Unit	1624
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	6	Attorney Docket Number	273012011202

ENCLOSURES (Check all that apply)				
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP Emily C. Tongco - 46,473
Signature	
Date	December 2, 2003

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(Marian L. Christopher)



PATENT
Docket No. 273012011202

CERTIFICATE OF MAILING BY "FIRST CLASS"

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Marian Christopher
Marian Christopher

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jill K. MACALPINE, et al.

Serial No.: 10/622,322

Filing Date: July 17, 2003

For: 1,3-DIPOLAR CYCLOADDITIONS TO
POLYPYRROLIC MACROCYCLES

Examiner: Unassigned

Group Art Unit: 1624

INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents were previously submitted in an Information Disclosure Statement and/or Office Action directed to the related application Serial Number 09/551,160 filed 14 April 2000, and issued 16 September 2003 as U.S. Patent No. 6,620,929, and, accordingly, copies are not included herewith. This protocol conforms with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)


Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 273012011202. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: December 2, 2003

Respectfully submitted,

By: 
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Form PTO-1449

Docket Number 273012011202

Application Number 10/622,322

Applicant

Jill MACALPINE et al.

Filing Date July 17, 2003

Group Art Unit 1624

Mailing Date December 2, 2003

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	11/1989	4,883,790	Levy et al.	540	145	
	2.	04/1990	4,920,143	Levy et al.	514	410	
	3.	03/1992	5,095,030	Levy et al.	514	410	
	4.	12/1992	5,171,749	Levy et al.	514	410	
	5.	02/1994	5,283,255	Levy et al.	514	410	
	6.	03/1995	5,399,583	Levy et al.	514	410	
	7.	06/1997	5,648,485	Dolphin et al.	540	474	
	8.	03/1998	5,726,304	Tang et al.	540	145	
	9.	11/1999	5,990,149	Sternberg et al.	A61K31	40	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	10.	05/1996	WO 96 13504	PCT			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	11.	Faustino, M.A.F. et al. (1996). "Diels-Alder Reactions of Ni(11) β -Vinyl-meso-Tetraarylporphyrins," <i>Tetrahedron Lett</i> 37(20):35693570.
	12.	Huisgen, R. (1963). "1,3-Dipolare Cycloadditionen;" <i>Angew Chem</i> 75:604-637.
	13.	Huisgen, R. (1968). "Cycloadditionen - Begriff, Einteilung und Kennzeichnung," <i>Angew Chem</i> 80:329-337.

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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449

Docket Number 273012011202

Application Number 10/622,322

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Applicant

Jill MACALPINE et al.

Filing Date July 17, 2003

Group Art Unit 1624

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(Use several sheets if necessary)

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| 14. | Huisgen, R. (1961). "1,3-Dipolar Cycloadditions," <i>Proc Chem Soc</i> : 357-369. |
| 15. | Kaufmann, T. (1974). "1,3-Anionic Cycloadditions of Organolithium Compound: An Initial Survey," <i>Angew Chem Int Ed Engl</i> 13:627-639. |
| 16. | Linn, W.J. et al. (1965). "Tetracyanoethylene Oxide. 1.Preparation and Reaction with Nucleophiles," <i>J Am Chem Soc</i> 87:3651-3656. |
| 17. | Linn, W.J. et al. (1965). "Tetracyanoethylene Oxide. 11.Addition to Olefins, Acetylenes, and Aromatics," <i>J Am Chem Soc</i> 87:3657-3665. |
| 18. | Linn, W.J. et al. (1965). "Tetracyanoethylene Oxide. 111. Mechanism of the Addition of Olefins," <i>J Am Chem Soc</i> 87:3665-3672. |
| 19. | Linn, W.J. et al. (1969). "Tetracyanoethylene Oxide. 1Y. Nucleophilic Ring Opening," <i>J Org Chem</i> 34:2146-2152. |
| 20. | Lown, J.W. et al. (1972). "Reactions of Tetrasubstituted Azomethyne Ylides Generated from Tetracyanoethylene Oxide," <i>Can J Chem</i> 50:534-542. |
| 21. | Shea, K.M. et al. (1998). "Dodecasubstituted Metallochlorines (metallohydroporphyrins). <i>J Chem Soc., Chem Comm</i> : 759-760. |
| 22. | Sisemore, M.F. et al. (1997). "Metalloporphyrin Peroxo Complexes of Iron(III), Manganese(III), and Titanium(IV), Comparative Studies Demonstrating that the Iron(III) is Extremely Nucleophilic," <i>Inorg Chem</i> 36:979-984. |
| 23. | Smith, K.M. et al. (1990). "Synthesis of Oxygen Analogues of the Sulphchlorins," <i>Tetrahedron Lett</i> 31(27):3853-3856. |
| 24. | Stuckwisch C.G. (1973). "Azomethyne Ylids, Azomethyne Imines, and Iminophosphoranes in Organic Synthesis," <i>Synthesis</i> : 469-483. |
| 25. | Tome, A.C. (1997). "Meso-Arylporphyrins as Dienophiles in Diels-Alder Reactions: A Novel Approach to the Synthesis of Chlorins, Bacteriochlorins and Naphthoporphyrins," <i>J Chem Soc., Chem Comm</i> :1199-1200. |
| 26. | Van Lier. (1991). "Photosensibilization: Reaction Pathways," <i>Photobiological Techniques</i> 216:85-98. |
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